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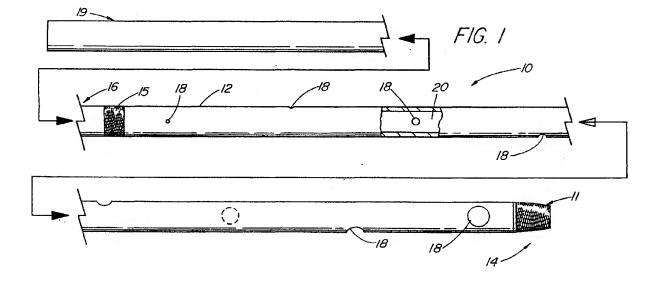
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(54) A medical device for fluid delivery

(57) A method for predetermining the controlled and uniform discharge rate of a fluid from a single lumen tubular body having passageways radially extending through the wall of the tubular body has been developed and is described. The method involves predetermining such parameters as the transverse cross-sectional areas of the passageways extending through the wall of the tubular body, the spacing of the passageways, the pressure at each of the passageways, and the rate of flow

at each of the passageways. One specific preferred application of such a tubular body is an infusion catheter for delivering various fluids to designated areas of the body for either a therapeutic treatment and/or diagnostic purposes. For example, such a catheter may be adapted to deliver controlled and uniform quantities of thrombolytic agents, chemotherapeutic agents as well as such diagnostic agents as fluorescent dies and radioactive agents.





EUROPEAN SEARCH REPORT

Application Number EP 97 30 2755

	Citation of document with indica		Relevant	CLASSIFICATION OF THE
Category	of relevant passages		to claim	APPLICATION (Int.Cl.6)
X	WO 94 07549 A (TARGET * page 6, line 6 - lir		1-9	A61M25/00
X	US 4 173 981 A (MORTEN * column 3, line 48 - figures *		1-9	
				TECHNICAL FIELDS SEARCHED (Int.Cl.6)
	The present search report has bee	n drawn up for ail claims Date of completion of the search		Examiner
THE HAGUE				arkson, P
CATEGORY OF CITED DOCUMENTS T: th X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure 8: m		T: theory or princip E: earlier patent do after the filing de D: document cited f L: document cited f 3: member of the s	theory or principle underlying the invention earlier patent document, but published on, or after the filing date document cited in the application document cited for other reasons member of the same patent family, corresponding document	

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